

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Current Amended) A device for hands-free push-to-talk functionality, comprising:
a hands-free push-to-talk sensor or switch operable by at least one of a ~~preset audible signal~~, a predetermined movement of the sensor or switch, or air pressure, wherein the push-to-talk sensor or switch includes at least one of an accelerometer, an air pressure sensitive switch, and a tilt sensor for sensing a change in a direction of force due to gravity; and
means to control operation of a communications device in response to signals from the push-to-talk sensor or switch.
2. Canceled
3. (Currently Amended) The device of claim 1, wherein the push-to-talk sensor or switch comprises ~~[[a]]~~ the tilt sensor, wherein a transmit mode of the communications device is activated in response to the tilt sensor being tilted more than a predetermined angle from a normalized angle of the direction of force due to gravity for a predetermined time duration.
4. (Original) The device of claim 3, further comprising means for maintaining the communications device in the transmit mode in response to at least one of detecting a voice signal or the tilt sensor being tilted more than the predetermined angle after a selected time delay.
5. (Original) The device of claim 3, further comprising means for switching the communications device to one of a receive mode or standby mode in response to an absence of at least one of detecting a voice signal or the tilt sensor being tilted more than the predetermined angle after a selected time delay.

6. Canceled

7. Canceled

8. Canceled

9. (Currently Amended) The device of claim 1, wherein the push-to-talk sensor or switch comprises ~~[[a]]~~ the air pressure sensitive switch, wherein a transmit mode of the communications device is activated in response to the air pressure sensitive switch receiving a preset air pressure.

10. (Original) The device of claim 9, further comprising means for maintaining the communications device in a transmit mode in response to at least one of detecting a voice signal or the preset air pressure after a selected time delay.

11. (Original) The device of claim 9, further comprising means for switching the communications device to one of a receive mode or standby mode in response to an absence of at least one of detecting a voice signal or the preset air pressure after a selected time delay.

12. (Original) The device of claim 1, wherein the communications device is a wireless communications device.

13. (Original) The device of claim 1, wherein the communications device is one of a radio, a cellular phone, a cordless phone, a personal digital assistant and a computer.

14. (Original) The device of claim 1, further comprising a headset, wherein the push-to-talk sensor or switch is mounted to the headset.

15. (Currently Amended) A communications device including hands-free push-to-talk functionality, comprising:

a hands-free push-to-talk sensor or switch operable by at least one of ~~a preset audible signal~~, a predetermined movement or air pressure, wherein the push-to-talk sensor or switch

includes at least one of an accelerometer, an air pressure sensitive switch, and a tilt sensor for sensing a change in a direction of force due to gravity; and

a processor to control operation of the communications device in response to signals from the push-to-talk sensor or switch.

16. Canceled

17. (Currently Amended) The communications device of claim 15, wherein the push-to-talk sensor or switch comprises ~~[[a]]~~ the tilt sensor, wherein a transmit mode of the communications device is activated in response to the tilt sensor being tilted more than a predetermined angle from a normalized angle of the direction of force due to gravity for a predetermined time duration.

18. (Original) The communications device of claim 17, further comprising means for maintaining the communications device in the transmit mode in response to at least one of detecting a voice signal or the tilt sensor being tilted more than the predetermined angle after a selected time delay.

19. Canceled

20. (Currently Amended) The communications device of claim 15, wherein the push-to-talk sensor or switch comprises ~~[[a]]~~ the air pressure sensitive switch, wherein a transmit mode of the communications device is activated in response to the air pressure sensitive switch receiving a preset air pressure.

21. (Original) The communications device of claim 15, further comprising a headset, wherein the push-to-talk sensor or switch is mounted to the headset.

22. (Currently Amended) A method for hands-free push-to-talk functionality, comprising:
detecting at least one of ~~a preset audible signal~~, a predetermined movement of a motion sensor or an accelerometer, a tilt angle caused by a change in a direction of force due to gravity, or air pressure; and

controlling operation of a communications device in response to detecting a presence or absence of at least one of the preset audible signal, the predetermined movement, or air pressure.

23. Canceled

24. Canceled

25. (Currently Amended) The method of claim 22, ~~further comprising~~ wherein detecting the tilt angle comprises detecting a tilt sensor being tilted more than a predetermined angle from a normalized angle of the direction of force due to gravity for a predetermined duration.

26. (Original) The method of claim 25, further comprising activating a transmit mode in the communications device in response to detecting the tilt sensor being tilted more than the predetermined angle from the normalized angle for a predetermined duration.

27. (Original) The method of claim 25, further comprising:

maintaining the communications device in the transmit mode in response to at least one of detecting a voice signal or detecting the tilt sensor being tilted more than the predetermined angle after a selected time delay; and

switching or maintaining the communications device in one of a receive or standby mode in response to an absence of at least one of a voice signal or detecting the tilt sensor being tilted more than the predetermined angle after the selected time delay.

28. (Original) The method of claim 22, further comprising detecting an air pressure greater than a preset air pressure.

29. (Original) The method of claim 28, further comprising activating a transmit mode in the communications device in response to detecting the air pressure greater than the preset air pressure.

30. (Original) The method of claim 29, further comprising:

maintaining the communications device in the transmit mode in response to at least one of detecting a voice signal or the preset air pressure after a selected time delay; and
switching or maintaining the communications device in one of a receive or standby mode in response to an absence of at least one of a voice signal or the preset air pressure after the selected time delay.

31. (Currently Amended) A method of making a device for hands-free push-to-talk functionality, comprising:

providing a hands-free push-to-talk sensor or switch operable by at least one of a ~~preset audible signal~~, a predetermined movement of the sensor or switch, or air pressure, wherein the push-to-talk sensor or switch includes at least one of an accelerometer, an air pressure sensitive switch, and a tilt sensor for sensing a change in a direction of force due to gravity; and

providing means to control operation of a communications device in response to signals from the push-to-talk sensor or switch.

32. Canceled

33. (Currently Amended) The method of claim 31, wherein providing the push-to-talk sensor or switch comprises:

providing ~~[[a]]~~ the tilt sensor; and

adapting the tilt sensor to cause activation of a transmit mode in the communications device in response to the tilt sensor being tilted more than a predetermined angle from a normalized angle of the direction of force due to gravity for a predetermined time duration.

34. Canceled

35. (Currently Amended) The method of claim 31, wherein providing the push-to-talk sensor or switch comprises:

providing ~~[[a]]~~ the air pressure sensitive switch; and

adapting the air pressure sensitive switch to cause activation of a transmit mode in the communications device in response to the pressure sensitive switch detecting a preset air pressure.

36. (Original) The method of claim 31, further comprising:
providing a headset; and
mounting the push-to-talk sensor or switch in the headset.

37. (Currently Amended) A computer-readable medium having computer-executable instructions for performing a method, comprising:

detecting at least one of ~~a preset audible signal~~, a predetermined movement of a motion sensor or an accelerometer, a tilt angle caused by a change in a direction of force due to gravity, or air pressure; and

controlling operation of a communications device in response to detecting a presence or absence of at least one of the preset audible signal, the predetermined movement, or air pressure.

38. Canceled

39. Canceled

40. (Currently Amended) The computer-readable medium having computer executable instructions for performing the method of claim 37, further comprising detecting a tilt sensor being tilted more than a predetermined angle from a normalized angle of the direction of force due to gravity for a predetermined duration.

41. (Original) The computer-readable medium having computer executable instructions for performing the method of claim 40, further comprising activating a transmit mode in the communications device in response to detecting the tilt sensor being tilted more than the predetermined angle from the normalized angle for a predetermined duration.

42. (Original) The computer-readable medium having computer executable instructions for performing the method of claim 40, further comprising:

maintaining the communications device in the transmit mode in response to at least one of detecting a voice signal or detecting the tilt sensor being tilted more than the predetermined angle after a selected time delay; and

switching or maintaining the communications device in one of a receive or standby mode in response to an absence of at least one of a voice signal or detecting the tilt sensor being tilted more than the predetermined angle after the selected time delay.

43. (Original) The computer-readable medium having computer executable instructions for performing the method of claim 37, further comprising detecting an air pressure greater than a preset air pressure.

44. (Original) The computer-readable medium having computer executable instructions for performing the method of claim 43, further comprising activating a transmit mode in the communications device in response to detecting the air pressure greater than the preset air pressure.

45. (Original) The computer-readable medium having computer executable instructions for performing the method of claim 44, further comprising:

maintaining the communications device in the transmit mode in response to at least one of detecting a voice signal or the preset air pressure after a selected time delay; and

switching or maintaining the communications device in one of a receive or standby mode in response to an absence of at least one of a voice signal or the preset air pressure after the selected time delay.

Please add new claims 46-48:

46. (New) A device for hands-free push-to-talk functionality, comprising:

a hands-free push-to-talk sensor or switch operable by a preset audible signal, wherein the preset audible signal is one of a static signal, a white noise signal, or a predefined keyword, group of keywords, number, or group of keywords and numbers; and

means to control operation of a communications device in response to signals from the push-to-talk sensor or switch.

47. (New) The device of claim 46, wherein a transmit mode of the communications device is activated in response to the audible signal detector detecting the preset audible signal.

48. (New) The device of claim 46, further comprising means for switching the communications device to one of a receive mode or a standby mode in response to an absence of at least one of detecting a voice signal or the preset audible signal after a selected time delay.